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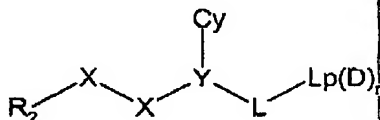
Ser. 1 No. 10/030,189
 Resp. to Office Action of July 1, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 (currently amended): A serine protease inhibitor compound of formula (I)



(I)

wherein:

R₂ is a 5 or 6 membered aromatic carbocyclic ring optionally interrupted by a nitrogen, oxygen or sulphur ring atom, optionally being substituted in the 3 and 4 position (in relation to the point of attachment of X-X) by halo, nitro, thio, haloalkoxy, hydrazido, alkylhydrazido, amino, cyano, haloalkyl, alkylthio, alkenyl, alkynyl, acyl, amino, tri or difluoromethoxy, carboxy, acyloxy, MeSO₂-R₁, or the substituents at the 3 and 4 positions taken together form a fused ring which is a 5 or 6 membered carbocyclic or heterocyclic ring optionally substituted by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j}, and optionally substituted in the position adjacent to the X-X group (i.e. 6 position for a six membered aromatic ring etc) by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amido, aminoalkyl, alkoxy or alkylthio with the proviso that R₂ cannot be aminoisobutyl;

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each X independently is a C, N, O or S atom or a CO, CR_{1a}, C(R_{1a}) or NR_{1a} group, at least one X being C, CO, CR_{1a} or C(R_{1a})₂;

each R_j independently represents hydrogen, hydroxyl, alkoxy, alkyl, aminoalkyl, hydroxyalkyl, alkoxyalkyl, alkoxy carbonyl, alkylaminocarbonyl, alkoxy carbonyl amino, acyloxymethyl carbonyl or alkylamino optionally substituted by hydroxy, alkylamino, alkoxy, oxo, aryl or cycloalkyl;

R₁ is as defined for R_{1a}, provided that R₁ is not unsubstituted aminoalkyl;

Y (the atom) is a nitrogen atom or a CR_{1b} group;

Cy is a saturated or unsaturated, mono or polycyclic, homo or heterocyclic group, optionally substituted with groups

R_{3a} or R₃₁X₁

each R₃ independently is R_{1c}, amino, halo, cyano, nitro, thiol, alkylthio, alkylsulphonyl, alkylsulphenyl, tetrazolyl, imidazolyl, s-triazolyl, hydrazido, alkylimidazolyl, thiazolyl, alkylthiazolyl, alkyloxazolyl, oxazolyl, alkylsulphamido, alkylaminosulphonyl, aminosulphonyl, haloalkoxy, haloalkyl, a group of the formula -C(X³)N(R¹¹)R¹² (wherein X³ is O or S; and R¹¹ and R¹² are independently selected from hydrogen, methyl or ethyl or together with the nitrogen atom to which they are attached form a pyrrolidin-1-yl, piperidin-1-yl or morpholino group), or -OCH₂O- which is bonded to two adjacent ring atoms in Cy;

X₁ is a bond, O, NH or CH₂;

R_{3i} is phenyl, pyridyl or pyrimidinyl optionally substituted with R_{3a}; and

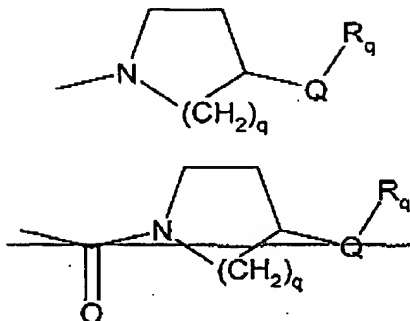
R_{1b}, R₁ and R_{1j} are as defined for R_{1a},

L is CO

and -Lp(D)_n - ~~Lp(D)~~_n is of the formula:

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wherein:

q is 1 or 2;

Q is -O- or -NH-;

and R_q is R_C which is pyridyl, pyrimidin-4-yl, pyridazin-3-yl, pyridazin-4-yl or phenyl (which phenyl or pyridyl group may bear a fluoro, chloro, alkyl, CONH₂, SO₂NH₂, dialkylaminosulphonyl, methoxy, methylthio, alkylsulphonyl, alkylaminosulphonyl, alkylaminocarbonyl, amino, alkoxy, carbonyl, acetyl, cyano, ethoxy, nitro, hydroxy, alkylsulphonylamine, triazolyl or tetrazolyl substituent), or a physiologically-tolerable salt thereof.

2 (currently amended): A serine protease inhibitor compound according to Claim 1

wherein:

R₂ is a 5 or 6 membered aromatic carbon ring optionally interrupted by a nitrogen, oxygen or sulphur ring atom, optionally being substituted in the 3 and/or 4 position (in relation to the point of attachment of X-X) by halo, nitro, thiol, haloalkoxy, hydrazido, alkylhydrazido, amino, cyano, haloalkyl, alkylthio, alkenyl, alkynyl, acylamino, trialkoxy, difluoromethoxy, carboxy, acyloxy, MeSO₂- or R₁, or the substituents at the 3 and 4 positions taken together form a fused ring which is a 5 or 6 membered carbocyclic or heterocyclic ring optionally substituted by halo, haloalkoxy,

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haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} , and optionally substituted in the position alpha to the X-X group (i.e. 6 position for a six membered aromatic ring etc) by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amide, aminoalkyl, alkoxy or alkylthio with the proviso that R_2 cannot be aminoisoquinolyl;

each X independently is a C, N, O or S atom or a CO, CR_{1a} , $C(R_{1a})_2$ or NR_{1a} group, at least one X being C, CO, CR_{1a} or $C(R_{1a})_2$;

each R_{1a} independently represents hydrogen, hydroxyl, alkoxy, alkyl, aminoalkyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, alkylaminocarbonyl, alkoxycarbonylamino, acyloxymethoxycarbonyl or alkylamino optionally substituted by hydroxy, alkylamino, alkoxy, oxo, aryl or cycloalkyl;

R_1 is as defined for R_a , provided that R_1 is not unsubstituted aminoalkyl;

Y (the α -atom) is a nitrogen atom or a CR_{1b} group;

Cy is a saturated or unsaturated, mono or poly cyclic, homo or heterocyclic group, preferably containing 5 to 10 ring atoms and optionally substituted by groups R_{3a} or phenyl optionally substituted by R_a ;

each R_{3a} independently is R_{1c} , amino, halo, cyano, nitro, thiol, alkylthio, alkylsulphonyl, alkylsulphenyl, triazolyl, imidazolyl, tetrazolyl, hydrazido, alkyl imidazolyl, thiazolyl, alkyl thiazolyl, alkyl oxazolyl, oxazolyl, alkylsulphonamido, alkylaminosulphonyl, aminosulphonyl, haloalkoxy and haloalkyl; and

R_{1b} , R_{1c} and R_{1j} are as defined for R_{1a} ,

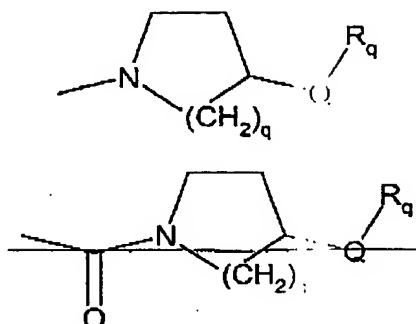
L is CO;

and $-Lp(D)_n$ ~~$-Lp(D)_n$~~ is of the formula:

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wherein:

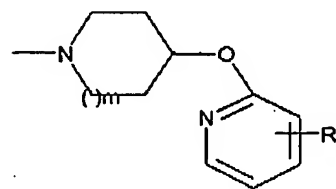
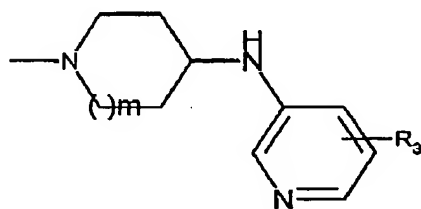
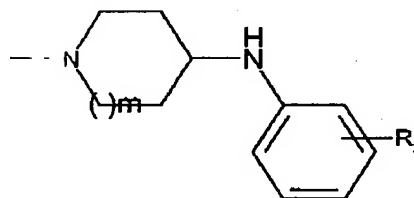
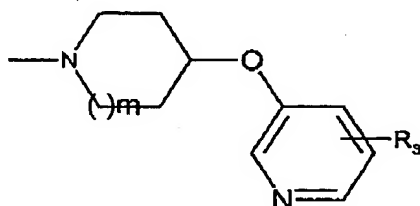
q is 1 or 2;

Q is -O- or -NH-;

and R_q is R_c which is pyridyl or phenyl (which phenyl may bear a fluoro, chloro, methyl, CONH_2 , SO_2NH_2 , methylaminosulphonyl, dimethylaminosulphonyl, methylsulphonylamino, methoxy or methylsulphonyl substituent); or a physiologically-tolerable salt thereof.

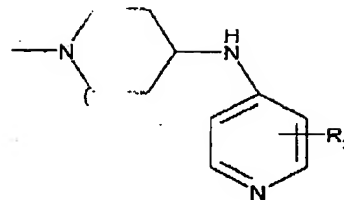
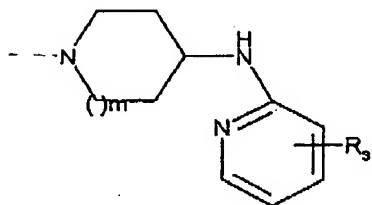
3 (canceled):

4 (currently amended): A compound according to claim 2 wherein -Lp(D)n is selected from the following formulae:



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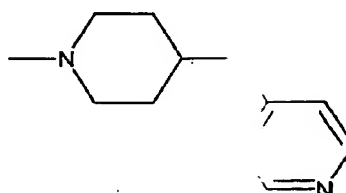
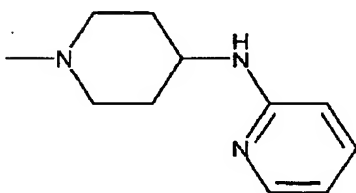
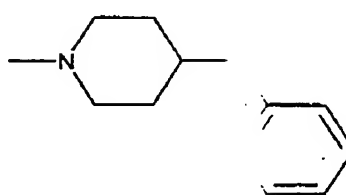
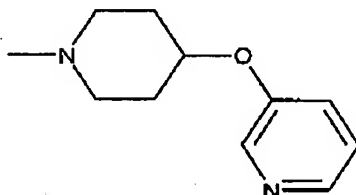
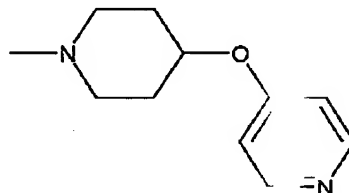
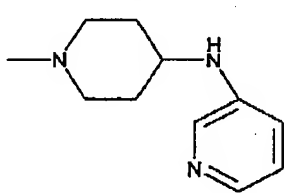


where n:

m represents 0 or 1; and

when R₃ is present as a substituent on an aromatic ring, it is selected from hydrogen, alkylsulphonyl, aminosulphonyl, alkylaminosulphonyl, alkylaminocarbonyl, amido, amide, alkoxycarbonyl, acetylamin, chloro, fluoro, cyano, methoxy, ethoxy, nitro, hydroxy, alkylsulphonylamino, triazolyl and tetrazolyl.

5 (previously presented): A compound according to claim 2 where n -Lp(D)n is selected from the following formulae:



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6 (previously presented): A compound according to claim 1 wherein Q is -CH₂-.

7 (previously presented): A compound according to claim 1 wherein R_c is pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, pyridazin-3-yl, pyridazin-4-yl, pyrimidin-4-yl or phenyl.

8 (previously presented): A compound according to claim 1 wherein R_c is phenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 3-methoxyphenyl, 4-methoxyphenyl, 2-methylsulfonylphenyl, 2-methylthiophenyl, pyrid-2-yl, pyrid-3-yl or pyrid-4-yl.

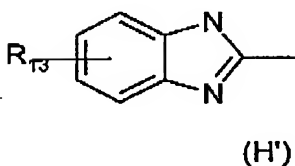
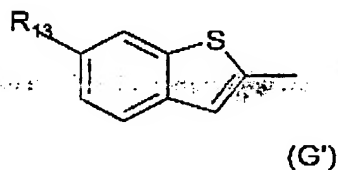
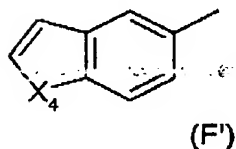
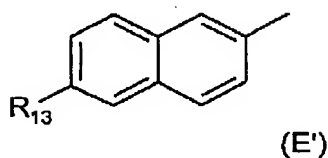
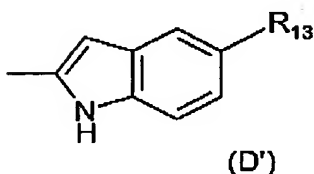
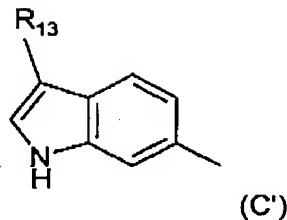
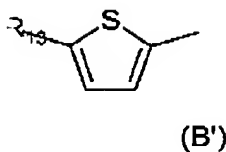
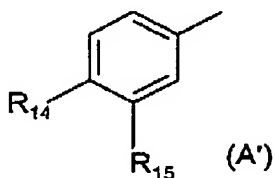
9 (previously presented): A compound according to claim 1 wherein R₂ is phenyl, thien-2-yl, naphthyl, indol-2-yl, indol-6-yl, benzo[b]furan-5-yl, benzo[b]thiophen-2-yl or benzimidazol-2-yl (each of which is optionally substituted as defined in claim 1).

10 (previously presented): A compound according to claim 1 wherein optional substituents for R₂ are selected from fluoro, chloro, bromo, iodo, nitro, thiol, difluoromethoxy, trifluoromethoxy, hydrazido, methylhydrazido, amino, cyano, trifluoromethyl, methylthio, vinyl, ethynyl, acetamido, carboxy, acetoxy, hydroxy, methyl, ethyl, amido (CONH₂), aminomethyl, methoxy and ethoxy.

11 (previously presented): A compound according to claim 1 wherein R₂ is selected from one of the formula (A') to (H'):

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wherein X_4 is O or S, R_{13} is selected from hydrogen, chloro or methyl and R_{15} is selected from hydrogen, methyl, ethyl, fluoro, chloro, and methoxy and R_{15} is selected from hydrogen, methyl, fluoro, chloro and amino.

12 (original): A compound according to claim 11, wherein R_2 is 4-methoxyphenyl, 5-chloroindol-2-yl, 3-chloroindol-6-yl, indol-6-yl or 3-methylindol-6-yl.

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13 (previously presented): A compound according to claim 1 wherein -X-X- is -CONH-.

14 (previously presented): A compound according to any one of claims 1 to 13, 15 to 16 and to 22 wherein Y is CH.

15 (previously presented): A compound according to claim 1 wherein Cy is an optionally R substituted: phenyl, pyridyl, thienyl, thiazolyl, naphthyl, piperidinyl, furanyl, pyrrolyl, isoxazolyl, isothiazolyl, pyrrol, oxazolyl, imidazolyl, 1,2,4-thiadiazolyl, 1,3,4-thiazolyl, pyrimidinyl, pyridazinyl, quinolyl, isoquinolyl, benzofuryl, benzothienyl or cycloalkyl group, or a phenyl group substituted by R₃₁X₁ in which X₁ is a bond, O, NH or CH₂ and R₃₁ is phenyl or pyridyl optionally substituted by R_{3a}.

16 (previously presented): A compound according to claim 2, wherein Cy is an optionally R substituted: phenyl, pyridyl, thienyl, thiazolyl, naphthyl, piperidinyl or cycloalkyl group.

17 (canceled):

18 (canceled):

19 (previously presented): A compound according to claim 1 wherein R_{3a} is selected from hydrogen, hydroxyl, methoxy, ethoxy, methyl, ethyl, methylaminomethyl, dimethylaminomethyl, hydroxymethyl, carboxy, methoxymethyl, methoxycarbonyl, ethoxycarbonyl, methylaminocarbonyl, dimethylaminocarbonyl, aminomethyl, CONH₂, CH₂CONH₂, isopropylamino, methoxycarbonylamino, ethoxycarbonylamino, t-butoxycarbonylamino, amino, fluoro, chloro, bromo, cyano, nitro, thiol, methylthio, methylsulphonyl, ethylsulphonyl,

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methylsulphenyl, methylsulphonylamido, thylsulphonylamido,
methylaminosulphonyl, ethylaminosulph yl, aminosulphonyl,
trifluoromethoxy, trifluoromethyl, brom , pyrrolidin-1-
ylcarbonyl, piperidin-1-ylcarbonyl, morpholin-1-ylcarbonyl and
-OCH₂O- (which is bonded to two adjacent ring atoms in Cy).

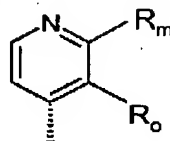
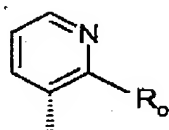
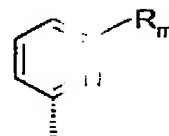
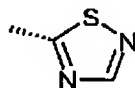
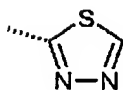
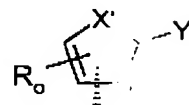
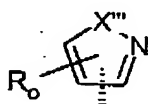
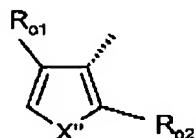
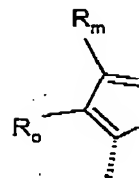
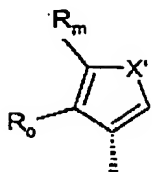
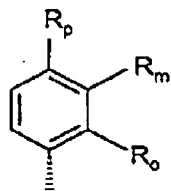
10 (previously presented): A compound according to claim 2
wherein R_{3a} is selected from hydrogen, hydroxyl, methoxy,
ethoxy, methyl, ethyl, methylaminomethyl, dimethylaminomethyl,
hydroxymethyl, carboxy, methoxymethyl, ethoxycarbonyl,
ethoxycarbonyl, methylaminocarbonyl, dimethylaminocarbonyl,
aminomethyl, CONH₂, CH₂CONH₂, acetylaminomethyl,
ethoxycarbonylamino, ethoxycarbonylamino, t-

butoxycarbonylamino, amino, fluoro, chloro, cyano, nitro,
thiol, methylthio, methylsulphonyl, ethylsulphonyl,
methylsulphenyl, methylsulphonylamido, thylsulphonylamido,
methylaminosulphonyl, ethylaminosulph yl, aminosulphonyl,
trifluoromethoxy and trifluoromethyl.

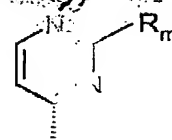
11 (previously presented): A compound according to claim 1
wherein Cy is selected from:

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or



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wherein:

X' is selected from O, S and NMe;

X'' is selected from O and S;

X''' is selected from O, S, NH and NMe;

Y' is selected from hydrogen, amino and methyl;

R_o is selected from hydrogen, methyl, fluoro, chloro, trifluoromethyl, methoxy, methylthio, methylsulfinyl and methylsulphonyl;

R_m is selected from hydrogen, methyl, fluoro, chloro, trifluoromethyl, methoxy, methylthio, methylsulfinyl, methylsulphonyl, carboxy, methoxycarbonyl and a group of the formula $(X^3)N(R^{11})R^{12}$ (wherein X^3 is O or S, and R^{11} and R^{12} are independently selected from hydrogen, methyl or ethyl or

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together with the nitrogen atom to which they are attached form a pyrrolidin-1-yl, piperidin-1-yl or morpholino group; R_p is selected from hydrogen and fluoro; or R_o and R_m or R_m and R_p form an $-OCH_2O-$ group; or R_o and R_m together with the ring to which they are attached form a 5 or 6 membered aryl or heteroaryl ring (wherein the heteroaryl ring contains 1 or 2 heteroatoms selected from nitrogen, oxygen and sulfur); and one of R_{o1} and R_{o2} is hydrogen and the other is R_o .

22 (previously presented): A compound according to claim 1 wherein Cy is selected from phenyl, 2-chlorophenyl, 2-methoxyphenyl, 4-carbamoylphenyl, pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, thien-2-yl, thien-3-yl, furan-2-yl, furan-3-yl, imidazol-2-yl, thiazol-2-yl, thiazol-4-yl, 2-amino-thiazol-4-yl, thiazol-5-yl, naph-1-thyl, isoquinolin-5-yl, isoquinolin-8-yl, quinolin-4-yl, quinolin-5-yl and quinolin-8-yl.

23 (original): A compound as claimed in Claim 1, which is selected from 1-(indol-6-carbonyl-D-phenylglyciny)-4-(4-pyridoxy)piperidine; 1-[indole-6-carbonyl-D,L-(2-chlorophenyl)glyciny]-4-(pyridin-4-yloxy)piperidine, and physiologically-tolerable salts thereof.

24 (previously presented): A compound as claimed in Claim 14, in which the alpha atom in Y is carbon and has the conformation that would result from construction from a α -aminoacid $NH_2-CR_{10}(Cy)-COOH$ where the NH_2 represents part of X-X.

25 (previously presented): A pharmaceutical composition, which comprises a compound as claimed in Claim 1 together with at least one pharmaceutically acceptable carrier or excipient.

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26 (canceled):

27 (canceled):

28 (canceled):

29 (original): A method of treatment of the human or non-human animal body to combat a thrombotic disorder, said method comprising administering to said body an effective amount of a compound according to Claim 1.

30 (canceled):

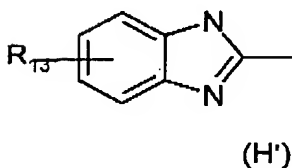
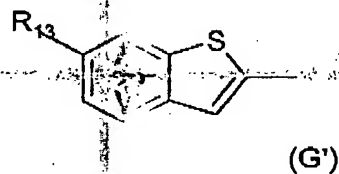
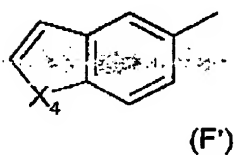
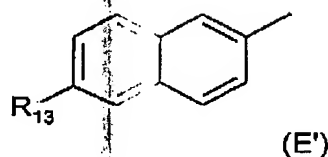
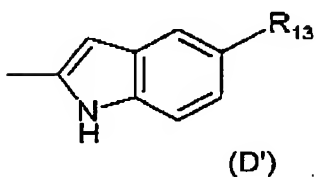
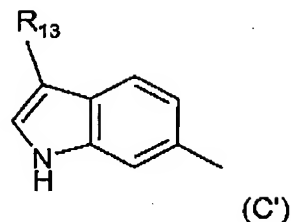
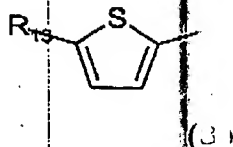
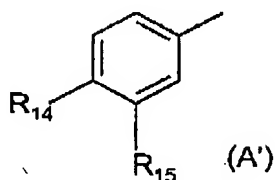
 31 (previously presented) A compound as claimed in Claim 1, in which

R₂ is selected from one of the formula (A') to (H'):

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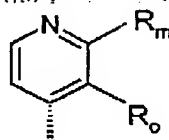
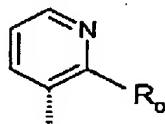
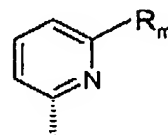
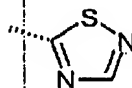
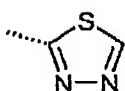
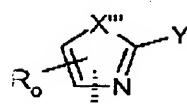
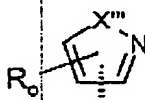
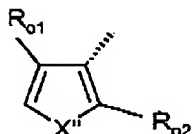
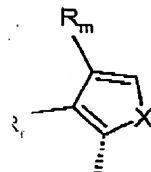
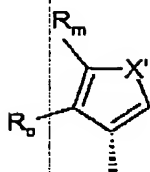
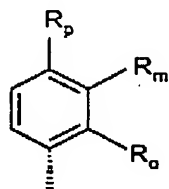
wherein X_4 is O or S, R_{13} is selected from hydrogen, chloro or methyl and R_{14} is selected from hydrogen, methyl, ethyl, fluoro, chloro, and methoxy and R_{15} is selected from hydrogen, methyl, fluoro, chloro and amino;

-X-X- is -CONH-;

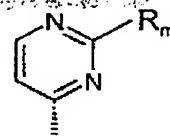
Y is CH and has the conformation that would result from construction from a D- α -aminoacid $NH_2-CR_{1b}(Cy)-COOH$ where the NH_2 represents part of X-X; and

Cy is selected from:

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or



wherein:

- 1. X' is selected from O, S and NMe;
- 2. X'' is selected from O and S;
- 3. X''' is selected from O, S, NH and NMe;
- 4. R_p is selected from hydrogen, amino and methyl;
- 5. R_m is selected from hydrogen, methyl, fluoro, chloro, difluoromethyl, methoxy, methylthio, methylsulphinyl and methylsulphonyl;
- 6. R_o is selected from hydrogen, methyl, fluoro, chloro, difluoromethyl, methoxy, methylthio, methylsulphinyl, methylsulphonyl, carboxy, methoxycarbonyl and a group of the formula $-C(X^3)N(R^{11})R^{12}$ (wherein X^3 is O or S, and R^{11} and R^{12} are independently selected from hydrogen, methyl or ethyl or

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together with the nitrogen atom to which they are attached form a pyrididin-1-yl, piperidin-1-yl or morpholin-1-yl group); R_p is selected from hydrogen and fluoro; or R_o and R_m or R_m and R_p form an -OCH₂O- group; or R_o and R_m together with the ring to which they are attached form a 5-6 membered aryl or heteroaryl ring wherein the heteroaryl ring contains 1 or 2 heteroatoms selected from nitrogen, oxygen and sulfur); and one of R_o and R_{o2} is hydrogen and the other is R.

32 (previously presented): A compound according to Claim 31, in which

R_2 is 4-methoxyphenyl, 5-chloroindol-2-yl, 3-chloroindol-6-yl, indol-6-yl or 3-methylindol-6-yl; and

Cy is selected from phenyl, 2-chlorophenyl, 4-methoxyphenyl, 4-carbamoylphenyl, pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, thien-2-yl, thien-3-yl, furan-2-yl, furan-3-yl, imidazol-2-yl, thiazol-2-yl, thiazol-4-yl, 2-aminothiazol-4-yl, thiazol-5-yl, naph-1-yl, isoquinolin-5-yl, isoquinolin-8-yl, quinolin-4-yl, quinolin-5-yl and quinolin-8-yl; and

R_c is phenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 3-methoxyphenyl, 4-methoxyphenyl, 2-methylsulfinylphenyl, 2-methylthiophenyl, pyrid-2-yl, pyrid-3-yl or pyrid-4-yl.

33 (previously presented): A compound according to Claim 2, in which

R_2 represents:

(1) phenyl optionally being substituted in the 3 and/or 4 position by fluoro, chloro, bromo, iodo, nitro, difluoromethoxy, trifluoromethoxy, amino, cyano, trifluoromethyl, methylthio, vinyl, carboxy, acetoxy, MeSO₂-, hydroxy, methoxy, ethoxy, methyl, methoxycarbonyl

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methylamino, ethylamino or amido, and optionally substituted at the 6 position by amino, hydroxy, fluoro, methoxycarbonyl, cyano or aminomethyl;

(ii) naphth-2-yl optionally substituted at the 6 position by hydroxy and optionally substituted at the 3 position by amino or hydroxy;

(iii) isoquinolin-7-yl, indol-5-yl, indol-6-yl, indazol-5-yl, indazol-6-yl, benzothiazol-6-yl or benzisoxazol-5-yl optionally substituted at the 3 position by chloro, bromo, amino, methyl or methoxy;

(iv) benzimidazol-5-yl or benzothiazol-6-yl optionally substituted at the 3 position by amino;

(v) thien-2-yl or thien-3-yl optionally substituted at the 4 or 5 position by methylthio, methyl or acetyl;

(vi) 3,4-methylenedioxyphenyl, 2,3-dihydroindol-6-yl, 3,3-dichloro-2-oxoindol-6-yl or 1-methyl-3-aminoindazol-5-yl;

(vii) benzothiazol-2-yl, imidazo[1,2-a]pyrimidin-2-yl or tetrahydroimidazo[1,2-a]pyrimidin-2-yl;

(viii) pyrazol-2-yl substituted at the 5 position by methyl;

(ix) pyrid-2-yl optionally substituted at the 6 position by chloro;

(x) pyrid-3-yl optionally substituted at the 4 position by chloro;

(xi) benzofur-2-yl optionally substituted at the 3 position by chloro, methyl or methoxy, at the 5 or 6 position by methyl and at the 6 position by methoxy;

(xii) indol-2-yl optionally substituted on the indole nitrogen atom by methyl and optionally substituted at the 5 or 6 position by fluoro, chloro, bromo, methyl or methoxy;

(xiii) indol-3-yl substituted at the 5 position by chloro, fluoro or hydroxy and optionally substituted at the 3 position by chloro or methyl; or

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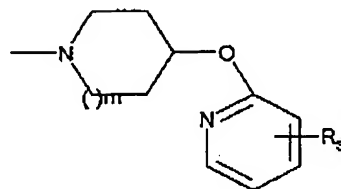
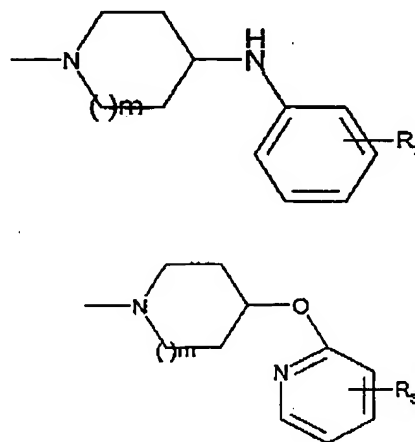
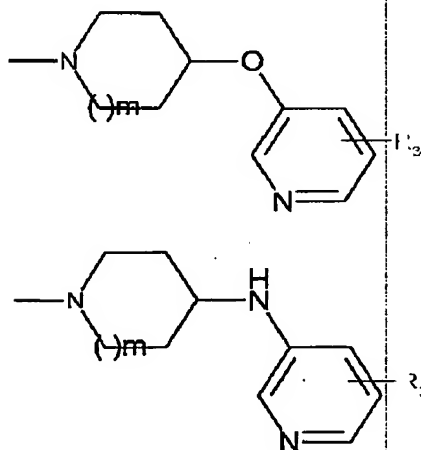
(xiv) benzo[b]thiophen-4-yl optionally substituted at the 3 position by fluoro, chloro or methyl, and optionally substituted at the 5 or 6 position by fluoro, chloro, methyl, hydroxy, or methoxy;

-X-X- is -CONH-;

Y is CH and has the conformation that would result from construction from a D- α -amino acid $\text{NH}_2\text{-CR}_{1b}(\text{Cy})\text{-COOH}$ where the NH_2 represents part of X-X; and

Cy is selected from phenyl, 4-aminophenyl, 4-amidophenyl, 4-(N-methyl)amidophenyl, 4-(N,N-dimethyl)amidophenyl, 2-chlorophenyl, 2-methylphenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 4-hydroxyphenyl, 2-methoxyphenyl, 4-methoxyphenyl, 4-carboxyphenyl, 3-ethylsulphonylaminophenyl, thien-2-yl, thien-3-yl, thiazol-4-yl, thiazol-5-yl, 2-methylthiazol-4-yl, pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, piperidin-4-yl, 1-methylpiperidin-4-yl, cyclohexyl and naphth-1-yl.

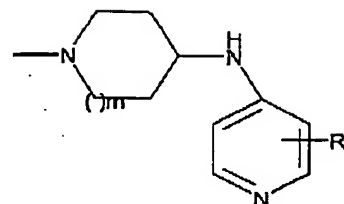
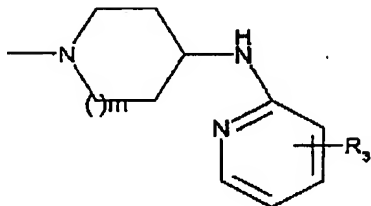
34 (currently amended): A compound according to Claim 33, in which -Lp(D)n is selected from the following formulae:



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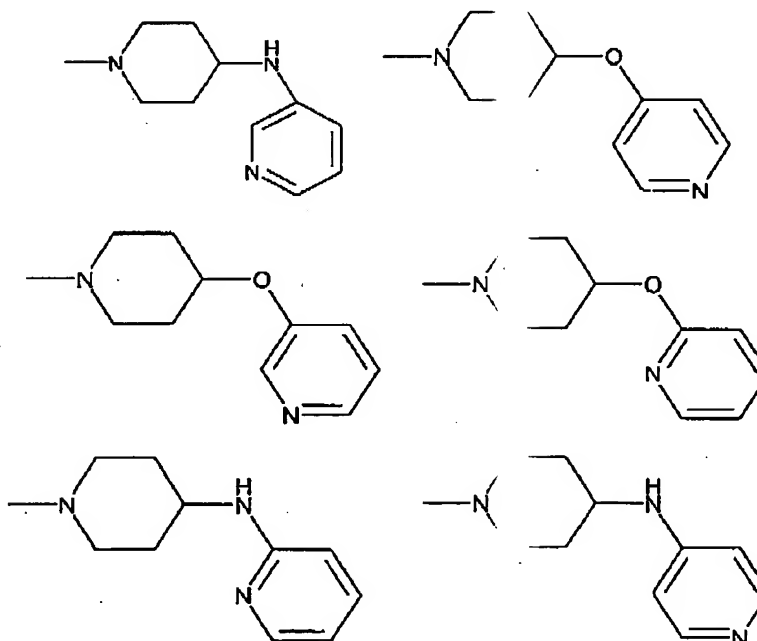
wherein:

 m represents 0 or 1; and

when R_3 is present as a substituent on an aromatic ring, it is selected from hydrogen, alkylsulphonyl, aminosulphonyl, alkylaminosulphonyl, alkylaminocarbonyl, amino, amido, alkoxycarbonyl, acetylamino, chloro, fluoro, cyano, methoxy, ethoxy, nitro, hydroxy, alkylsulphonyl amino, triazolyl and tetrazolyl.

35 (previously presented): A compound according to Claim 33, in which

$-\text{Lp}(\text{D})\text{n}$ is selected from the following formulae:



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